

Appendix B
Abbreviations, Acronyms, and Symbols

AA	Atomic absorption spectroscopy
ACS	American Chemical Society
ANOVA	Analysis of variance
ANSI	American National Standards Institute
AOAC	Association of Official Analytical Chemists
APHA	American Public Health Association
ASQ	American Society for Quality
ASQC	American Society for Quality Control (former ASQ)
ASTM	American Society for Testing and Materials
AWWA	American Water Works Association
BRAC	Base Realignment and Closure
CDQM	Chemical Data Quality Management
CECW-E	Corps of Engineers, Directorate of Civil Works, Engineering and Construction Division
CEMP-RT	Corps of Engineers, Directorate of Military Programs, Environmental Division, Policy and Technology Branch
CFR	Code of Federal Regulations
CHP	Chemical Hygiene Plan
CLP	Contract Laboratory Program
COC	Chain-of-custody
COR	Contracting Officer Representative

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CRC	Chemical Rubber Company
CRM	Certified reference materials
CRREL	Cold Regions Research and Engineering Laboratory
CVAA	Cold vapor atomic absorption spectroscopy
DataQUEST	Data Quality Evaluation Statistical Toolbox
DDT	Dichlorodiphenyl trichloroethane
DERP	Defense Environmental Restoration Program
DLA	Defense Logistics Agency
DOD	Department of Defense
DOE	Department of Energy
DOT	Department of Transportation
DQO	Data Quality Objective
ELPAT	Environmental Lead Proficiency Analytical Testing
EM	Engineer Manual
EMS	Environmental Management Systems
Endrin	A trade name for an insecticide
EPA	Environmental Protection Agency
ER	Engineer Regulation
ERDC	Environmental Research and Development Center
FE	Fundamental error
FLAA	Flame atomic absorption spectroscopy

FOA	Field operating activities
FR	Federal Register
FUDS	Formerly Used Defense Sites
GC	Gas chromatography
GC/MS	Gas chromatography/mass spectrometry
GE	Grouping and segregation error
GFAA	Graphite furnace atomic absorption spectroscopy
GHAA	Gaseous hydride atomic absorption spectroscopy
HQUSACE	Headquarters, U.S. Army Corps of Engineers
HTRW	Hazardous, Toxic and Radioactive Waste
HTRW-CX	Hazardous, Toxic and Radioactive Waste Center of Expertise
ICP	Inductively coupled plasma
ICP-AES	Inductively coupled plasma-atomic emission spectroscopy
ICP-MS	Inductively coupled plasma-mass spectrometry
IEC	International Electrotechnical Commission
IRP	Installation Restoration Program
ISO	International Organization for Standardization
MDL	Method Detection Limit
MFR	Memorandum For Record
MQL	Method Quantitation Limit
MRL	Method Reporting Limit

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MSC	Major Subordinate Command
MSDC	Mass Spectral Data Center
MSDS	Material Safety Data Sheet
NCSL	National Conference of Standards Laboratories
NELAC	National Environmental Laboratory Accreditation Conference
NIOSH	National Institute for Occupational Safety and Health
NIST	National Institute of Standards and Technology
OEW	Ordnance and Explosive Waste
OSHA	Occupational Safety and Health Administration
OSW	Office of Solid Waste
PAT	Proficiency Analytical Testing
PE	Performance Evaluation
pH	A value representing the acidity or alkalinity of an aqueous solution
PM	Project Manager
PP	Priority Pollutant
QA	Quality Assurance
QC	Quality Control
RCRA	Resource Conservation and Recovery Act
RSD	Relative Standard Deviation
SD	Standard deviation
SE	Standard error

SF	Superfund
SOP	Standard operating procedure
SW-846	USEPA publication, "Test Methods for Evaluating Solid Waste"
TAL	Target Analyte List
TR	Technical report
USACE	U.S. Army Corps of Engineers
USEPA	U.S. Environmental Protection Agency
v/v	Volume to volume ratio
WP	Water Pollution
WS	Water Supply